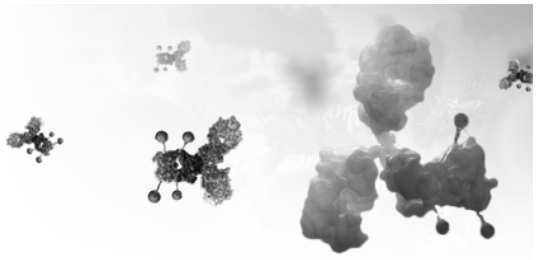

Anti-FFAR4 (aa 243-292) polyclonal antibody (DPABH-11411)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Receptor for medium and long-chain free fatty acid (FAA). Signals via a G(q)/G(11)-coupled pathway. Acts as a receptor for omega-3 fatty acids and mediates robust anti-inflammatory effects particulary in macrophages and fat cells. The anti-inflammatory effects involve inhibition of TAK1 through a beta-arrestin 2 (ARRB2)/TAB1 dependent effect but independent of G(q)/G(11)-coupled pathway. Mediates potent insulin sensitizing and antidiabetic effects by repressing macrophage-induced tissue inflammation. May mediates the taste of fatty acids.
Immunogen	Synthetic peptide corresponding to a region within internal sequence amino acids 243-292 (VVTHSEITKA SRKRLTVSLA YSESHQIRVS QQDFRLFRTL FLLMVSFFIM) of Human GPCR GPR120.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Size	50 µg
Buffer	Constituents: 97% PBS, 2% Sucrose
Preservative	None

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Storage	Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C long term. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	FFAR4 free fatty acid receptor 5 [Homo sapiens]
Official Symbol	FFAR4
Synonyms	FFAR4; free fatty acid receptor 4; GT01; PGR4; BMIQ10; GPR120; GPR129; O3FAR1; omega-3 fatty acid receptor 1; G-protein coupled receptor 120; G-protein coupled receptor 129; G-protein coupled receptor GT01; G-protein coupled receptor PGR4;
Entrez Gene ID	338557
Protein Refseq	NP_001182684.1
UniProt ID	B4DWG6
Pathway	Class A/1 (Rhodopsin-like receptors); GPCR ligand binding; Metabolism of proteins; Signal Transduction
Function	fatty acid binding; taste receptor activity;

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